

## Electronic Acknowledgement Receipt

EFS ID:	2393834
Application Number:	10609312
International Application Number:	
Confirmation Number:	8022
Title of Invention:	Circuits and methods for repairing defects in memory devices
First Named Inventor/Applicant Name:	Kenneth W. Marr
Customer Number:	21186
Filer:	Suneel Arora/Amy Moriarty
Filer Authorized By:	Suneel Arora
Attorney Docket Number:	303.859US1
Receipt Date:	30-OCT-2007
Filing Date:	24-JUN-2003
Time Stamp:	15:18:51
Application Type:	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$180
RAM confirmation Number	807
Deposit Account	190743

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:  
Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /zip	Pages (if appl.)
1		303859us1oareponse.PDF	1160309 169fbcd1256832e47c3a1fb5d4f4ec62 298cbca8	yes	24

**Multipart Description/PDF files in .zip description**

Document Description	Start	End
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Miscellaneous Incoming Letter	1	1
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Amendment - After Non-Final Rejection	2	2
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Claims	3	8
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Applicant Arguments/Remarks Made in an Amendment	9	21
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Information Disclosure Statement Letter	22	23
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Information Disclosure Statement (IDS) Filed	24	24
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**Warnings:**

**Information:**

2	Fee Worksheet (PTO-06)	fee-info.pdf	8175	no	2
			8d7564096d2187e63a49960ff673f098993 18793ee		

**Warnings:**

**Information:**

Total Files Size (in bytes):	1168484
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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.